

PRK  
F16



**GREEN RAY  
FOUNDATION**

(Est. 1990)

# Newsletter

To protect environment and promote Goan culture

NO. 3

MARCH 1995

## PLEDGE OF THE ECO-CHILDREN

I pledge to be aware of my immediate surroundings at all times, and to actively participate in all environmental conservation efforts,

I shall always keep the interests of the people above my own, and to only invest in development that is sustainable;

I shall never forget that the Earth is our only way of survival, and I shall love, cherish and preserve it for the benefit of mankind.



*Eco-children taking Pledge*

**Excerpt from the message of Mr. Kamal Nath, the Hon. Minister for  
Environment & Forests, Govt. of India on the occasion of the  
1st National Eco-Camp and 1st National meet of the Co-ordinating Agencies**

"I believe strongly in the inherent potential of young children for bringing about social & attitudinal changes & this is precisely the reason that my Ministry has chosen to concentrate on children & youth as a prime target group. In your hands lies the future of our Planet. The activities and experience that a child is exposed to in the Eco-Clubs, would, I hope contribute significantly to inculcating enduring attitudes and values of respect for nature & natural resources so that the child grows up to be an ecologically enlightened individual treating the environment with the respect and care that it deserves".

## ECO CHILDREN'S HOUR

February 17-19, 1995

Goa (Agonda) had the honour of hosting, under the banner of Green Ray Foundation, the first National Eco-camp.

Integrated in the activities for Eco-Clubs—a scheme of the Union Ministry of Environment & Forests for active participation of school children in environmental conservation—Eco-Club members, between the ages of 12 & 15, from Karnataka, Uttar Pradesh, Tamil Nadu, Haryana, New Delhi, Orissa, Andhra Pradesh, Madhya Pradesh, Arunachal Pradesh, Maharashtra, West Bengal met their Goan counterparts on February 17, 1995 and camped on the shores of Agonda (Canacona), to commune with Mother Nature and share with one another their own personal experience for a brief weekend.

That evening, there by the sea, with the graceful coconut-trees as their witnesses, they sat together by the camp-fire and held their First Meet. Despite some language barriers, glowing with the enthusiasm of youth, they discussed, argued, proposed, assessed and selected their own representative for the main elements of the Earth—Wind, Fire & Water for 1995. These three Eco-elements were given the tasks of observing, learning and spreading the message of harmony with Nature to all others in their own spheres and surroundings for 1995.

Trekking was the adventure of the following day. Along the beach and through the hilly range to the majestic mountains, the Eco-children made their way. With mixed feelings of Hillary and Tensing, they proudly carved out their names on the giant trees so that their presence would be etched forever in those pristine surroundings. Back at the camp-base they were joined by another 1200 Eco-children for a picnic lunch from among 43 Goan schools. Moments bubbling with chatter and laughter followed as they made new friends.

Moments of solemnity presided during the pledge included in the inaugural function that afternoon, when united by a common bond the Eco-children raised their voices to affirm their commitment to the cause of the Environment.

Prizes were awarded to the best of 1994 and nomination certificates given out to the Eco-representatives for 1995.

The inspired message of the Hon. Minister of Environment & Forests, New Delhi, was both enlightening and encouraging as well as food for afterthoughts.

With the Hymn of the Goan Eco-clubs still lingering in the air, it was time to say 'so long' to their guests.

Late that evening, by the camp fire., they made merry with folk songs, plays and skits in a blend of cultures and traditions. The morrow held a promise of an exciting trip to the Wild Life Sanctuary at Cotigao. But the night was young and so were they. Aware of the honour bestowed upon them by their Minister of holding in their hands the future of the Planet, the Eco-children went to sleep and dreamt of all the great things they would do.

# प्रसिधी पत्रक

कोंकणी

नं. ३

मार्च १९९५

(माननीय पर्यावरण आनी वन मंत्री, भारत सरकार, श्री. कमलनाथजी हांच्या पयल्या भारतीय ईको कॅम्प आनी पयल्याच सगळ्या ईको कॅम्पाच्या संदेशांतल्यान गेतलेले कांय भाग)

“मांका लहान भुरग्यांच्या गुणाची खुब खात्री आसा आनी मांका दिसता कीते खरेच सामाजिक आनी वागणूकीक बध्दल करतले म्हूण आनी ताकाच लागुन माझ्या मंत्रालयान हें काम करपाक भुरग्यांक तसेच तरणाट्यांक वेंचून काढल्यात. आपल्या हातान आसा आमच्या देशांचो फुडार. तांका हें कार्य करून जो अनुभव मेळपाचो आसा तो मांका दिसता की तांका सैमाकडे कसें वागप आनी सैमाच्या देणगेचो कसो सांभीळ करप हें शिकयतलो आनी तांची वागणूक सहन एक सैमाचो भाग कसो जातली आनी पर्यावरण कसें सांभाळप तसेंच ताका फावो तितले महत्त्व दिवूंक शिकयतलो”.

ईको भुरग्यांचो वेळ

फेब्रुवारी १७-१९, १९९५

गोयान (आगोंडा) ग्रीन रे फाऊन्डेशन हाच्या सदरा सकल पयलो भारतीय ईको कॅम्प घेवपाचो मान मेळयलो. ईको क्लबांच्या कार्याचें एकठावण केंद्र पर्यावरण आनी वन मंत्रालय हांची शाळेच्या भुरग्यांनी पर्यावरणाची राखण करप हातून भाग घेवपाची एक ऐवजण ईको क्लबाचे कार्यकर्ते जावप वयमान १२ ते १५. हे भुरगे करनाटक, उत्तर प्रदेश, तामीळनाडू, हरयाना, नवी दिल्ली, ओरीसा, आन्ध्र प्रदेश, मध्य प्रदेश, अरुणाचल प्रदेश, महाराष्ट्रा, वेस्ट बांगला, आनी गोवा हे सगळे मेळोन १७ फेब्रुवारीक आगोंडा दयदिगेर मेळले, सैमाकडे एकठांय जाले आनी आपले-आपले स्वताचे अनुभव एकामेकाकडेन एका आठवड्याच्या शेवटाक वांटलेत.

एके सांजेच्या वेळार, दर्याच्या देगेक मांडांच्या सांगाताक उन्याकडे बसोन पयली बैठक गेतली जरूय सगळ्याक एकामेकाची भाषा कळली ना तरुय सगळ्यांक भुरग्यांनी आपले उम्मेदीन भासाभास केली. आपले विचार मांडले, आरतून परतून पळयले आनी आपले आपले कार्यकर्ते धरती - वारें, उजो, तसेंच उदक हांच्या सम्मनी वावर करपाक १९९५ वर्स वेचून काढलें. या तीनुय ईकोच्या गरजांचेर विचार कराप, शिकप तसेंच प्रसार करप आनी सैमाकडे बरें तरेचें मिलन दोवरपाक प्रत्येकान आपल्या आपल्या गावान १९९५ वर्स हें पाळचें.

दुसऱ्या दिसाची उम्मेद जावन आसली दयदिगेच्यान राना वनातल्यान वाट काढून ईको भुरग्यांनी सुंदर डोंगराचेर चढप. आप आपल्या उम्मेदीन हीलरी आनी तेनसींग हांच्याप्रमाणे या भुरग्यांनी आपलीं नावां या मोठ्यां रुकांचेर कांतली समजोन ती या रानान अमर जातली । परतून केंपाकडे येइल्या उपरान तांका आनीक १२०० भुरगीं मेळलीं जी जावन आसली ४३ गोंयच्या शाळांची आनी सगळीं मेळोन एकठांय जेवली. या वेळार एकामेका कडेन मजेंत उलोवन आणि हांसोन नवे इष्ट जोडले. सगळ्या ईको भुरग्यांनी मेळोन दनपारां या उद्गाटन समारंभाच्या वेळार एकाच आवाजान आम्ही सगळे पर्यावरण सांभाळपाक वावूरतले असो “प्लेज” घेतलो.

१९९४ वर्सा बरें काम केल्यांक इनामा दीलीं तस्योच १९९५ वर्साखातीर ईको कार्यकर्त्यांक सर्टीफीकेटी वांटल्यो.

माननीय पर्यावरण आनी वन मंत्रीजी नवी दिल्ली हांचो सविस्तर तसोच उम्मेदीचो संदेश आमका फूडले काम करपाक उम्मेद दितलो. गोंयच्या ईको क्लबाचें गाणे हवेन तरंगती आसतानाच आमचो परत वचपाचों वेळ येवन तेंकलो.

त्या दिसा सांजेच्यावेळार उज्याच्या केंपाकडे बसोन आपले आपले भाषेन गाणी आनी नाटकूल्यांचो कार्यक्रम जालो. तांका कोतीगांव “वाईल्ड लायफ सेक्चुरी” कडे वचचें कसें दिसले पुण रात्र लहानच थारली आनी तें थयच उरलें.

तांका याद आयली की मंत्रीजीन तांच्या हातान धरतीचो फुडार सोंपला. ईको भुरगी अश्या रुपान निजपाक गेलीं आनी तीं पुढे कितें करतलीं ही सपना पळोवपाक लागलीं.

## ईको क्लबां खातीर पयलेंच भारतीय सहकार्य संस्ताचें शिबीर

ईको क्लबांखातीर दुसरे दीसाचें पयलेंच भारतीय सहकार्य संस्ताचें शिबीर ग्रीन रे फाऊन्डेशन हांच्या कार्यालयांत वेरें, गोवा हांगा १९ फेब्रुवारी १९९५ दिसा जालें.

पयले भारतीय शिबीर जे माननीय पर्यावरण आनी वन मंत्री भारत सरकार हांच्या पालवान घेतले गेलें ताचें कारण जावन आसलें सगळ्यां भारताच्या कार्यकर्त्यांक एकठांय हाडप भासाभास करप आनी ईको कार्य करपाची पध्दती सोदून काडप.

मुखेल पाहूणे म्हूण गोंय विधानसभेचे माननीय सभापती श्री तोमाजीन कार्दोज हाजीर आसले. ३४ सहकार्य संस्तेचे सगळ्या गांवाचे २७ प्रतिनीधीनीया शिबीरात वांटो घेतलो हाचें टेकनीकल फुडारपण केंद्र पर्यावरण शिक्षण अहमदाबाद हाणी केलें.

श्री. सुनील जेकब केंद्र पर्यावरण शिक्षण अहमदाबाद हाणे ईको क्लबाचे कार्य पध्दत या विषयाचेर आपलो पेपर भेट केलो. तसेंच श्री. आर. सी. राय, परीक्रमा पर्यावरण शिक्षण, जबलपूर केंद्र हाणे ईकोची राखणेचें कार्याचो विकास हाचेर आपलो पेपर भेट केलो.

खुलें बैठकींत कार्यकर्त्यांनी आपल्यो अडचणी आनी अनुभव हाचेर भासाभास केली आनी हातून वाट सोदून काडली.

निर्णयामधीं असें थारलें कि ईको मेगजीन काढचो, गावानी काम करपाची पध्दती सोदून काडप, जोनल जाणकारी केंद्र स्थापन करप, राष्ट्रीय सम्मेलना घडोन हाडप आनी केंद्र पर्यावरण आनी वन मंत्रालय हांका पर्यावरणा विषयीं माहिती पुरवप.

शेवटाक हाजीर आसलेल्या सगळ्या प्रतिनीधीनी पर्यावरण आनी वन मंत्रालय नवी दिल्ली हांचे आपणाक एकठांय येवपाक एकमेव संधी दिल्याबद्दल आभार मानले.

शेवटीं श्रीमती बारबारा कालदेईरा, ग्रीन रे फाऊन्डेशन हाच्या वतीन सहकार्य करपी हीणे सगळ्यांचे आभार मानले.

### प्रिय मित्रहो,

हें खाशेलें पत्रक जावन आसा एक मोठी खबर ग्रीन रे फाऊन्डेशन हाच्या इतिहासांत. सगळ्यो अडी अडचणी पयस करून आम्ही हो पयलो भारतीय ईको केंप आनी पयलें भारतीय शिबीर सगळ्या ईको क्लबांच्या सहकार्य संस्तांक वेळार घडोंक शकले हे एक आमचें मोठें भाग्यच. आमच्या मोठे वळेरीन जाणी नकळत आमका मदत केली त्यां थोड्यांजाणांची नावां आम्ही सांगूक सोदतां ती अशीं - पयस तसें लागीं थान सांगपासारखी आमच्यामधीं या कार्यावळीक हजर रावलो तो श्री. राजेश्वर दयाळ जो "फ्रेड्रीक इब्रट सिटपटंग" नवी दिल्ली, हे संस्तेक थान हाजीर रावलो तसोच आय बोगारडस 'फिथ डायमेंशन' नेदरलेंड हे संस्तेक थान हाजीर रावली प्रोफेसर ई. कार्दोज जाणी गाया रौलींग ट्रॉफी भेट केल्या तोवूईबी आपल्या कुटूंबा सकट हाजीर आसलो. आमकां भायर थावन खुब संस्ताकडल्यानुय शुभेच्छा आयल्यात.

आम्ही माननीय पर्यावरण आनी वन मंत्री भारत सरकार नवी दिल्ली. श्री. कमलनाथ हांचे आभार मानतात कारण तांच्या मंत्रालयान आमकां मदत आनी सहकार्य दिलें. सहकार्य मेळतले म्हूण आम्ही वाट पळोवचेना पुण तें मेळोवक आम्ही कार्य करीत रावतलेत.

आपलीच,

मारिया क्लावदेत पींटो

मेनेजींग ट्रस्टी

# समाचार पत्रिका

हिन्दी

नं. ३

मार्च १९९५

माननीय मंत्री जी, श्रीयुत कमलनाथ, पर्यावरण व वन मंत्रालय,  
भारत सरकार, नई दिल्ली, के संदेश से कुछ अंश :

मुझे बच्चों की आन्तरिक क्षमता पर अटूट विश्वास है जिससे वह सामाजिक और मानसिक विचारों में बदलाव ला सकते हैं। और ठीक यही कारण है कि मेरे मंत्रालय ने अपना ध्यान, बच्चों और तरुण वर्ग को, अपनी इस योजना के लिये मुख्य लक्ष्य बनाने के लिये केन्द्रित किया। बच्चों के हाथों में ही हमारे भूग्रह का भविष्य है। मैं विश्वास करता हूँ कि ईको क्लबों के कार्यों से प्राप्त अनुभवों का, बच्चों में दृढ़ भावना और मूल्यों को विकसित करने का महत्वपूर्ण योगदान होगा। जिससे वह प्रकृति और प्राकृतिक सम्पदा का आदर करना सीखेंगे और बड़े होकर पर्यावरण के प्रति जागरूक होंगे और वातावरण को, वह आदर देंगे, जो उसे मिलना चाहिये।

## ईको बच्चों के पल

काल : 17-19 फरवरी 1995

गोवा (अगोंद) को यह गौरव मिला कि ईको क्लबों का पहला राष्ट्रीय केम्प, ग्रीन रे फाऊन्डेशन की देख रेख में, आयोजित किया गया।

यह केम्प, पर्यावरण व वन मंत्रालय, भारत सरकार की सहमति से हुआ, जिसका उद्देश्य था कि, ईको बच्चे, पर्यावरण के संरक्षण, प्रकृति से समिश्रण, और अपने अनुभवों को आपस में बाँट सकें।

इस केम्प में 12-15 वर्ष की आयु के, देश के हर कोने से आये बच्चे, गोवा के अपने जैसे साथियों से मिले और अगोंद में समुद्र के किनारे, झुमते नारियल के पेड़ों के बीच, तारों भरे आकाश के नीचे, तीन दिन तक साथ रहे।

पहली शाम को, समुद्र, नारियल के पेड़ और तारों की साक्षी में ईको बच्चों ने भाषा की अड़चनों के होते हुये भी, तरुणाई की लौ में चमकते हुए, आपस में सलाह, प्रतिरोध, और आँकन करने के बाद, पृथ्वी के तीन मुख्य अंगों; वायु, अग्नि, और जल के लिए प्रतिनिधियों को वर्ष 1995 के लिए चुना। इन तीन प्रतिनिधियों का कर्तव्य है परखना, समझना और प्रकृति के साथ धुलमिलकर रहने के संदेश को अपने निजी दायरे और पास पड़ोस में फैलाना।

अगले दिन की शुरुवात हुई जंगल में, पदयात्रा से जिसमें पहाड़ी जंगल के रास्ते-और पक्षियों की मधुर आवाज ने कठिन मार्ग पर चलना आसान कर दिया। और केम्प में वापिस पहुँचे तो, गोवा के 43 ईको क्लबों से आये हुए 1200 ईको बच्चों से मुलाकात हुई और यत्रा की सब थकावट जाती रही। चारों तरफ हँसी और उल्लास की लहरें उठने लगी - शायद समुद्र की लहरों से भी बड़ी और ऊँची।

उद्घाटन समारोह में, शपथ ग्रहण के समय, सारा वातावरण गरिमा और गम्भीरता से भर गया, जब सब बच्चों ने एक साथ ऊँची आवाज में जोश से, पर्यावरण में अपनी आस्था को दोहराया। जिसके बाद 1994 की विभिन्न, ईको प्रतियोगिताओं के विजेताओं और 1995 के लिये चुने गये प्रतिनिधियों को इनाम बाँटे गये। केन्द्रीय पर्यावरण व वन मंत्रालय के माननीय मंत्री महोदय का प्रेरणापूर्ण संदेश, प्रोत्साहित करनेवाला और ज्ञानवर्धक था। गोवा के ईको बच्चों की प्रार्थना के साथ समारोह समाप्त हुआ। लेकिन केम्प में देर शाम को 'केम्पफायर' के पास बच्चों का गाने, बजाने और सांस्कृतिक कार्यक्रम चलता रहा।

आखिरी दिन सुबह कोतीगाँव के वाइल्ड लाइफ सेन्चुरी के दौरे के बारे में और मंत्री जी द्वारा दिये गये भूग्रह के भविष्य के संरक्षक होने के गौरव की आँच में तपते, सब बच्चे सपनों की दुनिया में खो गये।

## पहली राष्ट्रीय गोष्ठी, गोवा

इकट्ठीय संस्थाओं की गोष्ठी गोवा, 18-19 फरवरी। इकट्ठीय संस्थाओं की पहली राष्ट्रीय गोष्ठी, के दूसरे दिन का कार्यक्रम, ग्रीन रे फाऊंडेशन के कार्यालय, वैं में 19 फरवरी 95 को आयोजित हुआ।

पहली राष्ट्रीय गोष्ठी, माननीय मंत्री जी, पर्यावरण व वन मंत्रालय, भारत सरकार की सहमति से सभी इकट्ठीय संस्थाओं के सदस्यों को एक मंच पर लाने और इको कार्यों की प्रगति और सुनियोजित तरीके से चलाने की रूपरेखा बनाने के लिये आयोजित हुई। गोवा विधानसभा के माननीय स्पीकर श्रीयूत तोमाजीन कारदोज, गोष्ठी के मुख्य अतिथि रहे।

सारे भारत में फैली 34 इकट्ठीय संस्थाओं से कुल 27 सदस्यों ने, पर्यावरण शिक्षण केन्द्र, अहमदाबाद से प्राप्त तकनीकी सहयोग से, गोष्ठी में सक्रिय भाग लिया, पर्यावरण शिक्षण केन्द्र, अहमदाबाद के, श्री. सुनिल जेकब ने अपना लेख 'ईको क्लब के कार्यों का मार्गदर्शन' और परिक्रमा पर्यावरण शिक्षण संस्थान, जबलपुर के श्री आर. सी. राय ने अपना लेख "ईको कंजरवेशन कार्यों के मार्गदर्शन के सुझाव" प्रस्तुत किया।

उपस्थित सदस्यों ने आपस में विचार विमर्श किया, तथा अपनी कठिनाइयों व उनसे निदान और अपने अनुभवों का उल्लेख किया।

विचार विमर्श के बाद निम्नलिखित प्रमुख मुद्दे तय किए गये; एक इको पत्रिका का प्रकाशन, क्षेत्रीय 'सम्पदा केन्द्र' की स्थापना, नियमित रूप से राष्ट्रीय गोष्ठी का आयोजन, क्षेत्रीय प्रशिक्षणों की आपसी जानकारी तथा पर्यावरण से सम्बंधित मुद्दों के लिये पर्यावरण व वन मंत्रालय के लिये जानकारी श्रोत के रूप में कार्य करना।

अन्त में सभी उपस्थित सदस्यों ने मंत्रालय के प्रति अपना आभार प्रकट किया, जिसके कारण उन्हें आपस में मिलने का स्वर्ण अवसर प्राप्त हुआ।

ग्रीन रे फाऊंडेशन की 'को ऑर्डिनेटर' कुमारी बारबरा कालदीरा के आभारी भाषण के साथ गोष्ठी की समाप्ती हुई।

### प्रिय मित्रों

इस विशेष अंक का, ग्रीन रे फाऊंडेशन के इतिहास में, एक अनोखा स्थान होगा। यही अपने आप में एक बड़ी उपलब्धि है कि अनेक अड़चनों के होते हुए भी, हम, पहला राष्ट्रीय ईको केम्प और ईको क्लबों के लिए बनी इकट्ठीय संस्थाओं की पहली राष्ट्रीय गोष्ठी, समय पर आयोजित करने में सफल हुए। हम, उन सब लोगों के आभारी हैं, जिन्होंने प्रत्यक्ष या अप्रत्यक्ष रूप में हमारी मदद की व सहयोग दिया।

यहाँ उपस्थित होने वालों में से, कुछ मुख्य लोग थे; श्री. आई. बोगार्डस, फर्फप-थ डाइर्मन्शन, नीदरलेन्ड, 'जी ए आई ए' रोलिंग ट्राफी के दाता प्रोफेसर-इ. कारदोजो परिवार सहित इनके अलावा देश विदेश की कई संस्थाओं ने अपनी शुभकामनाएँ भेजीं।

हम विशेषतः केन्द्रीय पर्यावरण व वन मंत्रालय, भारत सरकार के, माननीय मंत्री श्रीयुत कमलनाथ जी और उनके मंत्रालय के अधिकारी गणों के ऋणी हैं, जिन्होंने हमें अमूल्य सहयोग और सहारा दिया।

हम आशा बंधाने की निती पर विश्वास नहीं रखते। लेकिन हम अथक प्रयास और परिश्रम करते हैं जिससे आपकी, हम पर बंधी आशओं को जरूर पूरा कर सकें।

### भावदीय

मारिया क्लावदेत पीटो

मेनेजिंग ट्रस्टी

## FIRST NATIONAL MEET, GOA.

February 18-19, 1995

Second day of the First National Meet of Co-ordinating Agencies for Eco-Clubs, was held at the premises of Green Ray Foundation in Verem, Bardez (Goa) on February 19, 1995.

The First National Meet, held with the support of the Hon. Minister for Environment & Forests, Govt. of India, was basically held to bring delegates from all over India to a common platform, to discuss and setup guidelines for development of Eco-activities.

The Hon. Speaker of the Goa Legislative Assembly, Mr. Tomazinho Cardozo, was the Chief Guest on the occasion.

Twenty seven delegates, from 34 Co-ordinating Agencies, scattered all over the country, took active part in the proceedings, under technical guidance from the Centre for Environment Education, Ahmedabad.

Mr. Sunil Jacob from Centre for Environment Education, Ahmedabad presented a paper on "Guidelines for Eco-club activities" and Mr. R. C. Rai from Parikrama Environment Education Institute, Jabalpur, presented his paper on "Suggestion for setting up guidelines for development of Eco-conservation activities".

In the open forum, delegates discussed and shared their experiences about various problems faced by them and the solutions they adopted.

Highlights of resolutions passed were: Publication of Eco-Magazine, Frequent exchange of field training suggestions, Establishment of Zonal resource Centres, Holding of National Meets regularly, and be a source of feed back for Union Ministry of Environment & Forests on the environmental issues.

Finally the delegates present, expressed their thanks to the Ministry of Environment & Forests, New Delhi, for providing them with the unique opportunity of getting together.

The meet ended with a vote of thanks from Miss Barbara Caldeira, the Co-ordinator of Green Ray Foundation.

### SOME SMILES

- ✿ The introductory game at the camp was really rib-tickling as everyone was divided into 4 groups viz cocks, crows, frogs, cranes & they had to introduce themselves saying "I am father cock, my name is....."
- ✿ There was one camper who could not understand English nor Hindi but spoke only Tamil. He was one of the most enthusiastic campers and he presented an entire item in his language using all gestures which no one could understand but had everyone rolling on the floor with laughter. Very enterprising indeed !
- ✿ At the Cotigao Wild Life Sanctuary, everyone seemed to have spotted a wild animal & everyone had different descriptions of it. Some said it was black, some said yellow, some said horns, some big ears !!
- ✿ The last day all the eco-children stood in a line holding hands at the beach where they could feel the ocean. It was an exhilarating experience for some specially because they had never seen an ocean.

**Dear Friends,**

*This special edition is a landmark in the history of the Green Ray Foundation.*

*The very fact that, despite all odds, we were able to hold the First National ECO-Camp & the First National Meet of the Co-ordinating Agencies for Eco-Clubs as scheduled was in itself an achievement. From the long list of people whom we are indebted for co-operating with us behind the curtains, we can mention here but a few. Notable among those who came from far and near to be with us on the occasion were Rajeshwar Dyal from Friedrich Ebert Stiftung, New Delhi, Ivone Bogaards from Fifth Dimension, Netherlands; and along with his family, Prof. Edgar Cardozo, donor of the GAIA Rolling Trophy.*

*Among those who sent in their best wishes were:*

- 1. Dr. Maria de Jesus Barroso (Wife of the President of Portugal).*
- 2. Commonwealth Youth Exchange Council, U.K.*
- 3. The Royal Society for the Protection of Birds, U.K.*
- 4. Instituute Voor Milieuvraagstukken, Amsterdam*
- 5. Vereniging Voor Nature - En Milieueducatie, Amsterdam*
- 6. Schweizerische Stiftung fur Landschaftsschutz and Landschaftspflege (SL), Switzerland.*
- 7. Centre of Environmental Science, The Netherlands.*
- 8. IUCN, The World Conservation Union, Switzerland.*

*We would also like to express here our thanks to Mr. Kamal Nath, Hon. Minister of Environment & Forests, Govt. Of India, New. Delhi, for his support and the outstanding collaboration extended by his Ministry. It is not our policy to generate expectations, but we shall continue to work and strive to meet all expectations.*

*Yours sincerely,*

**MARIA CLAUDETTE PINTO**

MANAGING TRUSTEE

### **HYMN OF THE GOAN ECO-CLUB**

#### **GOA... WE'LL KEEP IT GREEN !**

Goa, land of our forefathers,  
Where are your hills and fields;  
that were once so green ?

Goa, gifted to us by Parashurama,  
Why are your seas and skies  
turning grey ?

Chorus : Goa, We'll keep it green...

My cradle, my playground of my childhood  
days,

Will you be there waiting for me always ?  
My country, a shelter, a place of my own,  
My only and truly Home sweet Home !

If ever I leave you,  
I'll never forget you;  
For you will live in my heart !

Composed, arranged and conducted by  
Claudette Pinto  
For GREEN RAY FOUNDATION  
February 18, 1995



*Goa- We'll Keep It Green !... ( A Chorus)*

### **GREEN RAY FOUNDATION**

P-6, CALANGUTE ROAD, PORTAIS VADDO, VEREM - GOA, P.O. REIS MAGOS - 403 114. INDIA  
TEL.: (0832) 212583 FAX: (0832)21-7621

# Reports

A Forum For Sharing Development Information

## VOLUNTARISM LACKS BUSINESS SENSE

Time has changed. The rising culture of neo-voluntarism has replaced voluntarism of the pre-independence era. While it was more to do with 'cause' and 'commitment' in the past, these elements do not seem to dominate the scene today. Instead, in the garb of 'motivation', 'commitment' and 'integrity', the voluntary sector of the day is no more than an 'employment exchange'.

Truth must prevail and there is no point disputing that. Who can deny that budget of most NGOs or Volags (or whatever you might like to call them) is over a couple of crores employing hundreds of young men and women. Those who have yet to join this club are not far away from it. Government and indeed every well-meaning individual should credit NGOs for shouldering some of the state's responsibility of providing employment and conducting developmental activities.

But the issue is not that. The fact is that all this and much more is done in the name of 'motivation' & 'commitment'. What is preached is not essentially practised. Consequently, commitment and motivation is directly related to flow of funds. With neither of them lacking, the neo-voluntarism has an amazing growth.

Despite its size and the growth rate, what this sector lacks is an ever-evolving management structure. Unfortunately, management is considered a dirty word by this sector. It means business and non-profit organisations pride themselves on being free of the taint of commercialisation. Can 'goodness of cause' be a substitute to sound management?

At least that is what the voluntary sector will make you believe. It is but a matter of time before donor agencies and the public at large start questioning the credibility of

NGOs. Mere delivery of goods and services (free or heavily subsidised) to identified beneficiaries may not convince the donor for long. Because the process of development ends with the distribution of goods. And the cycle of fund-raising is set in motion again.

Can such a process continue for long? The fault lies with both the dominant actors in the game - the donor and the receiver. Since donors have to disburse a fixed quantum of money in a given year and the performance of the concerned officer is linked to getting rid of the stipulated funds, all kinds of projects get funded.

The mechanism is so well known that there is no point repeating it. In the absence of a sound management system, the situation is unlikely to improve. With NGOs lacking business sense, donor can do little to transform the situation.

To sustain themselves and their credibility, NGOs will need to borrow a leaf from the corporate sector. Business is a cyclic process - investment, process, economic returns - in which efficiency is continuously monitored. Further, business survives on customer satisfaction reflected in the full value paid for the product. Since beneficiaries rarely pay for the good or services, there is no way an NGO's performance can be monitored.

All NGO projects are woven around real-needs and so are corporate plans. But why it is so that business houses make people pay for their needs whereas NGOs do not. Houses for the poor were built by an NGO in Maharashtra without charging a penny and the underlying argument was 'they cannot afford to pay.' On the contrary, a business house did charge the poor for the TV sets they bought from them.

What NGOs lack is - business sense.

### INSIDE

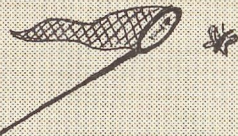
- 3 India To Import Cowdung Bottled Mineral Water Unsafe
- 4 WWF Conservation Corps EEG Media Services
- 5 Resources & Newsletters
- 7 Manpower Development Himachal Natural Resources Water and Matrimony Technology Centre

### JOIN EEG NETWORK

EEG is a non governmental organisation dealing in developmental communication. It aims to create public opinion about the need for sustainable development.

We invite you to join the network by sharing your work, ideas and plans through these pages. Communication is vital to the life of a Network, especially when physical distances cannot easily be bridged by closer contacts.

EEG Reports is one such effort in this direction. It is eight pages of informative reading every three months. Subscribe today to sustain the network. See inside for subscription details.



**Subscribe!**  
Thanks for the  
complimentary copy.  
I want to subscribe to  
EEG Reports.

## EEG Reports

Enclosed is my bank draft / cheque for

- Rs 25/year, annual, individual
- \$7/year, annual, overseas individual
- Rs 50/year, annual, institution
- \$10/year, annual, overseas institution

Payment by bank draft/cheque made out to Energy Environment Group, New Delhi. Add Rs 7 for outstation cheques.

Outstation subscribers may send their subscriptions by bank draft only.

Name.....  
Address.....  
City.....  
State Pin.....

**Enclose your  
subscription  
and mail to:**

Energy Environment Group  
P O Bag 4  
New Delhi-110 024

**Planning to change  
your address?**

If so, please notify us six weeks in advance in order not to miss any issues of Reports. Just send a label with a copy of your new address, and we'll do the rest. Thanks.

## Responses

Dear Sir,

Despite several constraints, our organisation has won 'awards' in the area of rural youth movement and family welfare. We wish to share this and more with the readers of your newsletter. Please put us on your regular mailing list.

**G Ramkrishnaiah**  
Rural Reconstruction Movement  
Chowdepalle, Chittoor (AP)

Dear Sir,

We are active in the areas of women, child and youth development and would like to diversify into alternate energy sources and communications. We need information and resources to further our objectives.

**R Rounder**  
Community Relief & Development  
Organisation  
Chandel-795 127, Manipur

Dear Sir,

We are interested in getting the EEG Reports. Kindly put us on your regular mailing list.

**K C Mathew**  
President  
International Centre for Study &  
Development  
Valakom  
Kerala

Dear Sir,

Please arrange to send us EEG Reports on a complimentary basis. We are very keen to get this publication.

**Ananth Sarin**  
Vivekananda Abibasi Kalyan Samiti  
Bankura  
West Bengal

EEG Reports is available on  
subscription only.

Dear Sir,

Kindly include our name in the mailing list to receive EEG Reports regularly. Our one year subscription is enclosed.

**Harjeet Singh**  
Sahbhagi Shikshan Kendra  
Lucknow

Dear Sir,

We read a write-up on EEG Reports in the latest issue of Peoples Action. We are a voluntary organisation involved in environmental work. Kindly let us have a sample copy of EEG Reports.

**M Meenakshi Sundram**  
SERVICE  
Madurai

Dear Sir,

We are a voluntary agency and are coordinating the activities of Gujarat Voluntary Health Association which is a federation of more than 125 institutions working on health related issues in Gujarat.

**Nimitta Bhatt**  
Trust for Reaching the Unreached  
Vadodara-390 005

Dear Sir,

We are engaged in leprosy control and rehabilitation of mentally retarded.

Please add our name for receiving EEG Reports on a regular basis.

**Suresh Soni**  
Sahyog Kushthyagana Trust  
Raigarh-383 276, Gujarat

Dear Sir,

We have come across Reports and found it pertinent to our work. Please send us regular copies of this publication as well as any others which may be useful.

**Prabha Thacker**  
Manushi  
Kathmandu

Dear Sir,

We are a non-governmental organisation engaged in a variety of social and developmental work. We came to know about EEG Reports from latest issue of Peoples Action. Would appreciate receiving it regularly.

**Mervyn Watson**  
Administrator  
SAMUHA  
Raichur-584 116

Dear Sir,

Ours is a non-governmental organisation working in the field of rural development. We are interested to know about EEG Reports.

**P C Misra**  
Indian Institute of Youth &  
Development  
Pulbani  
Orissa

## BOTTLED MINERAL WATER UNSAFE

In a recent study aimed at assessing the general nature of the bottled mineral water, the conclusions drawn were that more than 65 per cent of the mineral water bottles on sale are not up to the mark. The analytical study carried out by the Delhi-based Shriram Institute for Industrial Research (SIIR) was to find out the aesthetic value and similarity in the physical and chemical characteristics of different brands of mineral water.

The labels on the bottle that assure consumers about the quality are misleading. It was found that 65 per cent of them do not comply with one or more determined values as prescribed for drinking water standards. Out of the 14 prominent brands, six brands practically made no mention of the composition except a general statement. It is in some cases only that bacteria-free water is claimed, which according to the report is the most important parameter for any drinking water.

The report suggested that no bottled water be accepted as safe and healthy. The consumers' sentiments are exploited by the manufacturers and different gimmicks used for selling such products. Names of religious place and holy rivers as the sources of water are used to attract. Mineral water is also used as a status symbol rather than an assurance for safe drinking water.

It is rare to find mineral water free from organic, inorganic and other impurities so as to be directly bottled and consumed even after a lapse of time. According to the report, it is advisable to quench thirst by using tap water.

## Holland to export cowdung to India

It is a crazy idea - to export cowdung to India, the land of the holy cow. And yet with the World Bank positively inclined to the proposal, Holland will soon begin to dispose off its accumulated stocks of manure to be dumped into India.

Wrapped in an eco-friendly label of 'Envirodung', Holland has already tied up with an Indian company - EID Parry, but is looking for other partners too. Parry, on its part, has not only shown interest in selling the dried manure but has even expressed the desire to invest in the Indian part of the business, and also in the holding of the Dutch company which will take up the export project. Holland estimates a six million tonnes annual cowdung market in India to begin with. The ultimate capacity for its manure in India may exceed 10 million tonnes.

While Holland believes that the export of 'Envirodung' will meet to quite an extent the requirement of organic manure in India, it has failed to acknowledge that by getting rid of its massive stocks of manure, which in any case cannot be dumped into the sea, the country would be able to steer out of its biggest political crisis in recent years. Its 'generosity' towards India, therefore, is the result of political compulsions.

Shockingly, before being shipped to India, biogas will be extracted from the manure and sold to private electric companies in Holland. Scientists in the Indian Council of Agricultural Research (ICAR) are surprised because according to them there is no shortage of animal dung in a country that supports 300 million strong cattle population.

A private company in Holland,

Seaswan, with backing from the Dutch Ministry of Agriculture, has undertaken the start-up activities and is also seeking subsidy from the European Commission. The company proposes to produce various kinds of natural fertilisers for the Indian market after drying the slurry offloaded in Gujarat.

Seaswan is hopeful that with the decontrol in fertiliser prices many older and inefficient fertiliser factories will be shut down. Consequently, the demand for fertilisers will go up opening up a strategic advantage for the 'Envirodung'. The company has put the total organic fertiliser market in India at about 26 million tonnes a year.

The joint venture also aims at creating job opportunities for the local population, a promise that no foreign company putting anchor in India fails to highlight. And like most other foreign companies, Seaswan also is talking of 'stabilising the area' by creating a mere 150 permanent jobs.

Alarming though it is, the export of such kinds of wastes into India are only to increase in the years to come. With no effective legislation to check such unscrupulous trade, India has become a haven for dumping toxic wastes as well as animal and human garbage. Indonesia and Malaysia have recently woken to the threat and closed their borders for the toxic trade. With more and more Southeast Asian countries waking up to the malaise, India becomes a natural dump. And the situation may go out of our hands once the GATT regime comes into force.

Devinder Sharma

**EEG**, essentially, is a **Communication Network** which, through its publications and grass-root work, acts like a bridge between the scientific community and the rural masses such that the gradient is lowered to decode the hardcore complexities into a language that could reach the common man and accelerate social changes instrumental to sustainable development.

## CONSERVATION CORPS

WWF India has established a Conservation Corps (CC) to train young people for conservation field work. Young men and women of the age group 21-28 years with a commitment to acquiring knowledge and skills in fields related to biodiversity conservation and environmental protection are identified and provided support for a period not exceeding two years. During the period the Conservation Corps Volunteer (CCV) participate in a programme involving deployment with field based voluntary organizations as well as more structured training through exposure to WWF India work programmes and visits to key professional institutions (official and non official). Each CCV who is selected has his or her programme of work/training formulated separately by the WWF India CC secretariat to suit specific needs, aptitudes and circumstances.

In comparison to the previous year, WWF India received a larger number of applications from young people from all over the country. Of these 18 were processed and recruited for deployment with various NGOs located in Bihar, Andhra Pradesh, Tamil Nadu, Karnataka, Maharashtra and West Bengal. Most of them have already completed a year of their deployment period and are on extension for an additional year.

In the last four months, the senior programme officer made field visits to monitor the work plans and provide counselling on various aspects such as information collection, achieving the objectives, involvement of the local communities and closer supervision by the host agency. During the visits to Maharashtra, Andhra Pradesh and Karnataka, the state officers were also visited to update the state directors of the Conservation Corps Programme and strengthen the relationship between the host agencies and WWF India. In the next three months, the senior programme officer will be visiting areas in Orissa, West Bengal, Bihar and Tamil Nadu.

For further details contact:  
Ninan Omen, WWF India, 172-B,  
Lodi Estate, New Delhi- 110 003

## EEGs Media Services

EEG, as has been mentioned elsewhere in the text, is a communication network. Apart from generating and circulating a wide variety of information for the grassroots organisation, which includes a monthly hindi wallnewspaper (Aas Paas) and a bimonthly hindi magazine (Vikalp), EEG is feeding the mainstream printmedia with its regular feature services.

### EEG Features

The fortnightly english feature service was the first activity of the organisation when it started nine years ago. Unfunded right from the beginning, the service is still alive and kicking. As of today 140 features on wide-ranging subjects have been released. The issues covered in the service have been picked by leading newspapers like The Economic Times, The Pioneer, Observer, The Tribune, Newstime, The Hindu, Financial Express, Deccan Herald, Indian Express and Business Standard.

When we began nine years ago, media coverage on environment and development was at its lowest ebb. Consequently, our features had to struggle at the editor's desk. It is the sheer quality and topicality of the features that has sustained the service for so long without any external inputs.

Media scene has changed markedly in past two years. More and more newspapers are devoting full pages on science, environment & development. Although there is more room for our features, the challenge lies in standing upfront amongst other feature syndicates and wire services. Its a challenge for which EEG Features is gearing itself.

Not only are we expanding the service but are seeking the services of freelance writers and activists to report from the field. We have plans to release at least three stories to the press every month. At least one of the three would be devoted to innovative NGO initiative. Science is one aspect that was missing in our features till now. From now on, we will cover science 'as if people matter'.

The feature service, which currently serves over 200 newspapers, needs lots of inputs in terms of resources and manpower. The current remuneration from the newspapers is not able to pay for these inputs. One time investment/grant for Fax, E-mail and telephone will see the service tide over its current resource crisis. We would value support of any kind.

For details, just drop in a card or fax your message at 91-11-6419042. We would provide you all the necessary details.

### Tech Features

EEGs has been involved in appropriate technology identification, field testing, demonstration, training and documentation for the past couple of years. But for documentation of appropriate technology, all other activities are conducted at our field research centre in Una (HP).

Having been involved in this activity for long, it occurred to us that there is rarely any demand for appropriate products. However useful the products like solar cooker or a biogas system might be, given the choice the rural populace will choose the hi-tech gadgets about which the media coverage is not only phenomenal but forceful too.

After serious discussions with several experts involved in the field of appropriate dissemination it was decided to start a process that might lead to increased coverage of these low-cost solutions in the print media. Consequently, a fortnightly hindi feature service on appropriate technology was launched to serve 250 selected hindi newspapers.

These features have been well received by the hindi newspapers. The most interesting aspect of the service is its outreach. Readers in villages are responding to the features by asking additional information on 'how to do it', 'where to get it' etc. We have created a back-up service in the form of 'do-it-yourself' guides to respond to such questions.

Although a market campaign for these technologies could get the desired results but it would be unfair to make massive investment in ad-campaigns when the product is inherently cheap and can be fabricated (most of the times) within the village. It is for this reason that the low-cost method of generating awareness about the appropriate technology was mooted.

Tech Feature is a unique concept about which we are all thrilled and look forward to creating a niche for it in the vernacular press in the coming months as well. Anyone can write for this service, we pay for all accepted contributions.

# Resources

## FELLOWSHIP

In India, as in other countries, there is a great and continuing need for men and women of exceptional qualities of mind and character to provide enlightened leadership. The Homi Bhabha Fellowships Council accordingly seeks out and assists outstanding young persons at a stage in their career when the scope normally available for the full development of their talents may be restricted by their relatively junior position in their profession or in the organisation to which they belong.

The object of the fellowship, which has been created in the memory of noted Indian scientist Homi Bhabha, is to give to young men and women of exceptional

talent, opportunities to develop their abilities at a relatively early age, through study, research, travel and practical training, so as to enable them to provide in time the kind of leadership the country requires in various fields.

Fellowship offers attractive financial package that includes travel and contingency expenses related to the fellowship project.

For details, contact:

Executive Director  
Homi Bhabha Fellowships Council  
c/o National Centre for Performing Arts, Nariman point  
Bombay-400 021

## The Women's Environmental Network

The Women's Environmental Network (WEN) is a non-profit membership organisation educating and empowering women who care about the environment. WEN is funded by membership fee, sales of books and other goods, as well as donations and grants from charitable bodies.

WEN members receive a quarterly newsletter which keeps them informed of up-to-date news and campaigns. Women and men are equally welcome to join, but the organisation is woman-centred.

WEN runs an information and research service to give clear, practical advice to the public on lifestyle issues such as sanitary protection, clothing, packaging, babies and green consumerism. WEN has been credited with the most powerful campaign against sanitary napkins and chlorine bleached paper. It has published authoritative documents on the subject.

For membership details, write to:

Director  
The Women's Environmental Network  
Aberdeen Studios  
22 Highbury Grove, London N5 2EA

## A NOTE TO SUBSCRIBERS

This issue of Reports will make many of you wonder as to what might have happened to the last issue of 1993. It has't been lost in transit because it was never sent.

Our apologies. But we have plans to compensate you with a special issue of Reports which would, for reasons beyond our control, reach you later.

You would be pleased to note that EEG has completed 9 years of its existence. To mark the occasion, we are publishing a special issue of Reports. Apart from updating you about our activities and growth, the issue will expose you to the strengths and weaknesses of the group. We have planned this issue to solicit maximum support from friends and wellwishers like you to further our objectives.

**Editor**

# Newsletters

Following newsletters are available free to non-profit organisations in developing countries.

## Community Development Journal

This quarterly journal focuses on community development theory, approaches and experiences worldwide. It includes case studies and analysis of the political, social and economic dimensions of community work and role of governments in fostering sustained development.

Oxford University Press,  
Walton Street, Oxford OX2 6DP,  
UK

## The Cobasheca Newsletter

This newsletter aims to exchange ideas between community-based health care programmes. It concentrates on east Africa, with some articles from other areas of the developing world. Recent articles include: 'The potential of folk media in community-based health care', 'Participatory community diagnosis' and 'Participatory rural appraisal'.

African Medical and Research Foundation  
Community Health Care Support Unit  
PO Box 30125, Nairobi, Kenya

## Development Communication Report

This international newsletter is published quarterly in English, with occasional translations in French and Spanish. It contains information on communication strategies for health education and development, including case studies, research reports and discussion of new developments.

Clearinghouse on Development Communication  
IIR, 1815 North Fort Myer Drive  
Arlington, Virginia, VA 22209



### Entrepreneurship Development

At times, women are found to be more receptive than men in pickin-up new skills or in other words they are more enterprising than menfolk. At least that is what our field research staff has to say. Women are so enterprising that our training staff is always in look out for new techniques and processes to keep them busy. We believe that only upon attaining certain skills can their entrepreneurial capabilities be brought out.

In our latest training capsule, a twelve-day camp for 40 young women was held at our Vikas Sadan campus in Una in November 1993. Held in collaboration with the local Nehru Yuvak Kendra, women were imparted training on food processing which included pickle, jam, vinegar, ketchup, muraba and cold drink preparation. HP Agricultural University provided the trainers for this camp.

Before launching a programme for mass production of these products, women have been asked to prepare such items for their home and local consumption. It is hoped that a small-production unit can soon start producing such products.

Sensing the enthusiasm of women for such training capsules, another camp for 50 women and 10 men was arranged during the month of January 1994. Nehru Yuvak Kendra, Una collaborated on this programme as well wherein training in soap, surf and blue making was imparted.

Please stay in touch to know about our next training capsule.

### Himachal Resources

Five voluntary organisations embarked on an ambitious programme to survey the state of Himachal Pradesh for its diverse natural resources. It was felt that such a document would help voluntary agencies structure their plan around the key problem areas. EEG is one of the five agencies involved in this unique study. The draft report of the study was presented to the NGOs of the

state at a meeting in Shalana, Rajgarh.

Readers will recall that foundation for such a survey was laid at the meeting of NGOs from three districts viz., Una, Kangra and Hamirpur at Una in early 1993 where EEG tabled such a motion. Subsequently, other NGOs joined the move.

It is hoped that the report would lead to some concrete action programmes.

### Water and Matrimony

Although it might surprise many but there is a direct correlation between water availability and matrimonial alliance. Come with us to Una and we will show you how these two distinct aspects of life are linked to each other.

Sanganeiy is a sleepy village where drinking water is a serious problem. This is a village where no one likes to marry his daughter. Reason: Why should anyone marry his daughter in a village where she would go through the agony of fetching water from long distances for rest of her life.

Officials of CAPART, who visited the village, were shocked at the water situation in the village vis-a-vis matrimonial alliance problem and advised us to chalk out a plan for correcting the situation.

Consequently, we have planned a scheme to erect rainwater harvesting tanks of 4000 litres capacity for each household. It has been estimated that this water is sufficient to quench the thirst of a family for at least two months.

Beneficiaries are enthusiastic about the scheme and have agreed to contribute a little over ten per cent towards the cost of a tank.

### Technology Centre

EEG's role as an environmental organisation was recognised by the Ministry of

Environment & Forests, Government of India, when EEG Una was designated as a 'Paryavaran Vahini' last year.

Another feather in EEG's cap was added this year when the National Research Development Corporation identified EEG as a Rural Technology Demonstration cum Training Centre, nicknamed RTDT centre. EEG is the first NGO in Himachal Pradesh to get this centre. This is recognition to the role our field centre has played in identifying, field testing and demonstrating rural technologies.

As of today, our field research staff has a repository of over 30 low-cost rural technologies on which training courses are regularly organised. Out of these dissemination programmes on selected technologies are also being conducted in selected villages of Una.

Under the scheme, EEG will continue to get technologies from NRDC for demonstration and training. Leaf-cup making, rope making and papad making machines have already been ordered and it is hoped that the same will reach Una in next couple of weeks.

We thank NRDC and its managing director Mr N K Sharma for bestowing confidence in us. We assure NRDC that we will not let them down in this arduous task of making people aware about the technological options that might help change their lifestyle.

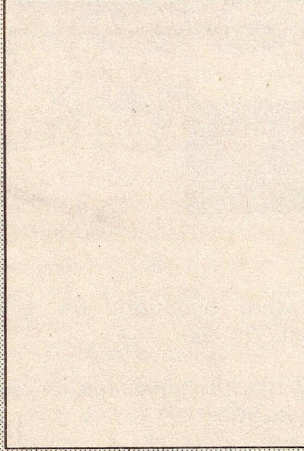
### An Invitation

EEG's field centre is doing much more than what has been reported here. A comprehensive report is now ready which can be requested by those who wish to support our programmes. We invite all those who wish to share our concern for empowerment of the rural poor. We value individual as well as corporate support.



क्या आप पर्यावरण  
के विनाश से  
चिंतित हैं ?

यही काफी है  
विकल्प  
पढ़ने के लिए



विकल्प  
विज्ञान एवं पर्यावरण पर  
अनूठी दिमासिक पत्रिका

विकल्प

अब शीघ्र ही आपके शहर में आपके पुस्तक विक्रेता के  
पास उपलब्ध रहा करेगी अपनी प्रति के लिए संपर्क करें

समय के सभी संघर्षों और आकांक्षाओं में विज्ञान की निरंतर और बदलती भूमिका  
पर प्रकाश डालने का काम करती है- विकल्प ।

जिन्दगी से नाजुक रिश्ते रखने वाले मसले उभरते हैं आवरण कथा में, तो स्थायी  
विकास में उभरती है उन विषयों की ताजा जानकारी जो विश्व भर में चिंता का  
कारण बने हैं । विशेष रिपोर्ट में पाठकों को मिलेगी हर बार विकास से जुड़े एक  
पहलू पर आठ पृष्ठीय सामग्री, जो संग्रहणीय होगी ।

मुश्किल काम को आसान करने वाले और सस्ती तकनीकियों की जानकारी पाइए  
समुचित प्रौद्योगिकी के तहत । साहित्य में विज्ञान आपको रू-ब-रू करायेगा ऐसे  
लेखकों की कृतियों से जो वैज्ञानिक दृष्टिकोण से भले ही न लिखते रहे हों पर  
आज उनका साहित्य विज्ञान-साहित्य की धरोहर है । दूसरी ओर  
पुस्तक चर्चा में होगी विज्ञान-प्रौद्योगिकी, पर्यावरण व स्वास्थ्य  
जैसे विषयों पर नई पुस्तकों की समीक्षा ।

राष्ट्रीय और अंतर्राष्ट्रीय स्तम्भों में आप पायेंगे देश-विदेश में हो रहे हैं नए  
अनुसंधानों, विकास कार्यों पर एक खोजी नजर । और कभी-कभी कुछ मुद्दे  
असन्दर्भित से लगते हैं, उनके बारे में अधिक जानने की लालसा तो होती है पर  
सामग्री नहीं मिलती । हमारा जानिए स्तम्भ आपको ऐसे ही  
विषयों पर देगा भरपूर जानकारी ।

हमारे प्रयास तभी सार्थक हो सकते हैं जब आपका सहयोग हमें मिलता रहे ।  
विकल्प के सदस्य बनकर आप हमारी बेहतर मदद कर सकते हैं । विकल्प का  
संस्थात्मक शुल्क है- वार्षिक 100 रु., द्विवार्षिक 180 रु. और त्रिवार्षिक  
250 रु. मात्र, जबकि व्यक्तिगत शुल्क है मात्र 50 रु. वार्षिक । अपना सदस्यता  
शुल्क डिमांड ड्राफ्ट 'विकल्प' के नाम निम्न पते पर भेजें-

विकल्प

पो. बैग नं. 4

नई दिल्ली-110 024

For limited circulation

PRINTED MATTER

To

Mr. Pandurang Hegde  
Parisara Sanshodhan Kendra  
Hulemalgi Bldg  
Sirsi - 581401  
Karnataka



From :  
Energy Environment Group  
P O Bag #4  
New Delhi-110 024

Edited and Published by Sudhirendar Sharma for & on behalf of Energy Environment Group, P O Bag 4, New Delhi-110 024  
Design and layout: Prakash Madhukar. Printed at The Offsetters, Udai Chand Marg, Kotla Mubarakpur, New Delhi-110 003